

# 2

## Public Events

### 2-1 Open House

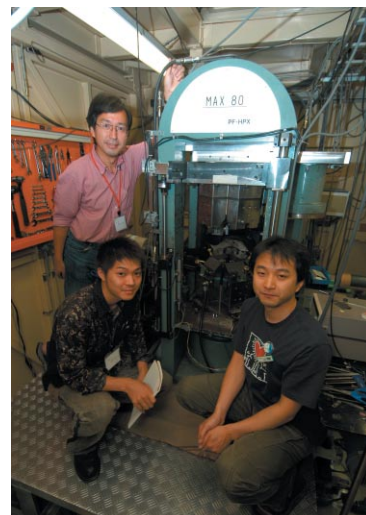
The annual KEK Open House was held on September 4, 2005. The Photon Factory exhibited the experimental hall of the 2.5-GeV PF ring and part of the experimental hall of the 6.5-GeV PF-AR. The PF also opened the control room of the 2.5-GeV storage ring for visitors. The PF staff in the Light-Source Division explained how the electron storage ring is operated and emits highly brilliant synchrotron radiation. In the experimental hall, visitors were able to directly observe many up-to-date apparatuses used for synchrotron-radiation experiments. The PF staff gave elementary and intuitive explanations of the principles, experimental techniques, and analytical procedures used to obtain atomic-level information on interesting and important materials. The PF staff at some experimental stations also held scientific demonstrations, introducing visitors to part of the research activities at the PF. There were a total of 2920 visitors to KEK on the day. All visitors enjoyed the frontier world of modern materials and accelerator science.



### 2-2 Summer School

The 16th KEK-SOKENDAI Summer School was held on June 13-15 2005 at the KEK campus. This Summer School is held every year in conjunction with KEK and the Graduate University for Advanced Studies (SOKENDAI).

The purpose of the Summer School is for young scientists and students to come and study, and to enjoy working with active scientists at the scientific frontier. The participants are able to use huge experimental machines such as accelerators. In FY 2005 there were 90 participants; mainly graduate and undergraduate students of universities and members from companies. They were able to choose to attend one of three lectures and one of three practice themes. We at the PF presented the practice theme of "Materials and Structure Science" which comprised five sub-practice courses. These courses had a variety of different content including physics, chemistry, biology, and mathematical simulation. The participants listened to lectures with much interest and eagerly joined in the experimental practice. They also enjoyed the party and the campus tour.



## 2-3 Visitors

To publicize our scientific activities to as many people as possible outside the PF, we receive general visitors at any time. These include junior-high-school and senior-high-school students, university students, government personnel, company members and even general citizens. During FY2005, 116 groups (a total of 3191 visitors) visited the PF. The visitors were provided with an overview of the PF, followed by an explana-



tion of how the storage ring is operated, how intense synchrotron radiation is emitted, and how the radiation is utilized for modern materials and biological science, including technological applications. Questions from visitors are very much welcome, with the staff providing details on the more fundamental aspects of accelerators or on research activities at the PF.

